

DIESEL FUEL BURNER FOR DIESEL EMISSIONS
CONTROL SYSTEM

ABSTRACT

A burner for use in the emissions system of a lean burn internal combustion engine. The burner has a special burner head that enhances atomization of the 5 burner fuel. Its combustion chamber is designed to be submersed in the engine exhaust line so that engine exhaust flows over the outer surface of the combustion chamber, thereby providing efficient heat transfer.